



1Fn 2634

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Alan Gatherer

Serial No.: **10/037,179**

Filed: **10/23/2001**

For: **USING SISO DECODER FEEDBACK TO PRODUCE SYMBOL PROBABILITIES FOR USE IN WIRELESS COMMUNICATIONS THAT UTILIZE SINGLE ENCODER TURBO CODING AND TRANSMIT DIVERSITY**

TI-31552

Examiner: **Pathak, S.**

Art Unit: **2634**

Conf. No.: **6358**

INFORMATION DISCLOSURE STATEMENT

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on April 12, 2006.


Elizabeth Austin

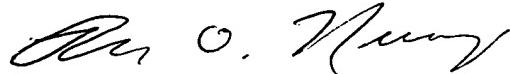
Commissioner for Patents
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Dear Sir:

In response to the Search Report received from the European Patent Office (a copy of which is enclosed), Applicant wishes to bring to the attention of the U.S. Patents and Trademarks Office the information noted on the enclosed PTO/SB/08A. Copies of the cited references are enclosed. All of these references were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to filing this statement.

The Commissioner is hereby authorized and requested to charge any necessary fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



Ronald O. Neerings

Attorney for Applicants

Reg. No. 34,227

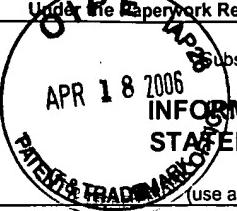
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 Substitute for Form 1449A/PTO				Complete If Known	
				Application Number	10/037,179
				Filing Date	10/23/2001
				First Named Inventor	Alan Gatherer, et al.
				Group Art Unit	2634
				Examiner Name	Pathak, Sudhanshu C.
				Attorney Docket No.	TI-31552
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Exam. Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (MM- DD-YYYY)
		Number	Kind Code ² (if known)		
AA	5,883,907			Hoekstra	03/16/1999
AB					
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FOREIGN PATENT DOCUMENTS					
Exam. Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Office ³	Number ⁴		
BA		WO 98/43373 A		01/10/1998	Northern Telecom Limited
BB		EP 0 982 870 A1		01/03/2000	Lucent Technologies Inc.
BC					
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Sheet

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Complete If Known	
Application Number	10/037,179
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Group Art Unit	2634
Examiner Name	Pathak, Sudhanshu C.
Attorney Docket No.	TI-31552

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	"Combined Multilevel Turbo-Code With MR-Modulation", L. Papke, et al., Communications-Gateway to Globalization. Proceedings of the Conference on Communications. Seattle, June 18-22, 1995, Proceedings of the Conference on Communications (ICC), New York, IEEE, US, Vol. 2, June 18, 1995, 668-672, XP000533098, ISBN: 9-7803-2487-0	
	CB	"Improved Space-Time Codes Using Serial Concatenation", Xiaotong Lin, et al., IEEE Communications Letters, IEEE Service Center, Piscataway, NJ, US, Vol. 4, No. 7, July 2000, pp. 221-223, XP000958655, ISSN: 1089-7798	
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